

INTERNATIONAL SEARCH REPORT

PCT/NL2004/000553

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A21D13/00 A21B3/13 A47J37/01

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A21D A21B A47J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10, 31 August 1998 (1998-08-31) - & JP 10 117667 A (KOWA KOGYO:KK), 12 May 1998 (1998-05-12) abstract; figures 1-7	1-11
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13, 5 February 2001 (2001-02-05) - & JP 2000 300152 A (HIRANO SHIKI:KK), 31 October 2000 (2000-10-31) abstract figures 1-14	1-6, 9, 10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

10 November 2004

Date of mailing of the international search report

22/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 200 21 892 U (ZENKER GMBH & CO KG METALLWARE) 5 April 2001 (2001-04-05) claims 3-9; figures 1a-1c, 2a-2b, 3a-3c, 4a, 4b -----	1-6, 9, 10
X	FR 2 358 861 A (SONDERMANN KARL) 17 February 1978 (1978-02-17) claim 3; figures 2, 3, 5, 7, 8 -----	1-6, 9, 10
X	DE 42 08 382 A (RAPIDO WAAGEN UND MASCHINENFAB) 23 September 1993 (1993-09-23) claim 1; figures 1-3 -----	1-5
Y		7-9, 11
Y	DE 196 18 545 A (RAPIDO WAAGEN UND MASCHINENFAB) 20 November 1997 (1997-11-20) claim 1; figures 1-4 -----	7-9, 11

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Information on patent family members

PCT/NL2004/000553

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10117667	A	12-05-1998	JP 3008265 B2	14-02-2000
JP 2000300152	A	31-10-2000	JP 3360721 B2	24-12-2002
DE 20021892	U	05-04-2001	DE 20021892 U1	05-04-2001
FR 2358861	A	17-02-1978	DE 2633350 A1	26-01-1978
			AT 399777 A	15-06-1979
			FR 2358861 A1	17-02-1978
			IT 1083515 B	21-05-1985
			JP 53015483 A	13-02-1978
			NL 7706834 A	26-01-1978
DE 4208382	A	23-09-1993	DE 4208382 A1	23-09-1993
DE 19618545	A	20-11-1997	DE 19618545 A1	20-11-1997
			AT 197872 T	15-12-2000
			DE 59702727 D1	11-01-2001
			WO 9741734 A1	13-11-1997
			EP 0897266 A1	24-02-1999
			ID 16884 A	20-11-1997